PTO/SB/05 (08-00) ed for use through 10/31/2002. OMB 0651-0032 ark Office; U.S. DEPARTMENT OF COMMERC collection of partial and control number

## UTILITY PATENT APPLICATION TRANSMITTAL

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Attorney Docket No.		96-2045	
		Liu	=
F'41 -	01	All and Extension	72

ABBLICA	ATION ELEMENTS	A EJ243930936US				
	ATION ELEMENTS	ADDRESS TO: Box Patent Application				
	cerning utility patent application contents.	Washington, DC 20231				
	Form (e.g., PTO/SB/17) a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)				
2. Applicant claims s See 37 CFR 1.27	small entity status.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
3. X Specification (preferred arrangement)	[Total Pages [28]] nt set forth below)	a. Computer Readable Form (CRF)				
	e of the invention	b. Specification Sequence Listing on:				
<ul> <li>Cross Reference to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>		i. CD-ROM or CD-R (2 copies); or				
	equence listing, a table, program listing appendix	ii.□ paper				
- Background of	the Invention	c. Statements verifying identity of above copies				
- Brief Summary - Brief Description	of the Invention on of the Drawings <i>(if filed</i> )	ACCOMPANYING APPLICATION PARTS				
<ul> <li>Detailed Descr</li> </ul>		9. Assignment Papers (cover sheet & document(s))				
<ul><li>Claim(s)</li><li>Abstract of the</li></ul>	Disclosure	37 CFR 3.73(b) Statement Power of (when there is an assignee)				
4. X Drawing(s) (35 U	J.S.C. 113) [Total Sheets 3]	11. English Translation Document (if applicable)				
5. Oath or Declaration	[ Total Pages ]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations				
	uted (original or copy) i prior application (37 CFR 1.63 (d))	13. X Preliminary Amendment				
b. (for continua	tion/divisional with Box 17 completed)	14. X Return Receipt Postcard (MPEP 503)				
	ION OF INVENTOR(S)	(Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
	atement attached deleting inventor(s) the prior application, see 37 CFR	1.0 []				
	and 1.33(b).	16 Other:				
- C C C C C C C C C C C C C C C C C C C	Sheet. See 37 CFR 1.76					
or in an Application Data She	eet under 37 CFR 1.76:	the requisite information below and in a preliminary amendment,				
Continuation X	Divisional Continuation-in-part (CIP)	of prior application No.: 09 , 231, 135				
Prior application information:	Examiner Wyszomierski	Group / Art Unit: 1742				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
	18. CORRESPONDEN					
X Customer Number or Bar Code Label  finsert Coston Value under the label here)  Correspondence address below						
Name	ame 08840					
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Name (Print/Type) David W. Pearce. Smith Registration No. (Attorney/Agent) 31285						
Signature	Danswilled South	Date 3/29/01				

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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 710°

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Liu			
Examiner Name	Wyszomierski			
Group Art Unit	1742			
Attorney Docket No.	96-2045			

METHOD OF PAYMENT	FEE CALCULATION (continued)				
1. The Commissioner is hereby authorized to charge indicated fees and credit any overnaments to:	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to:  Deposit	Large Entity Small Entity Fee				
Account Number 01-1000	Code (\$) Code (\$)				
Deposit	105 130 205 65 Surcharge - late filing fee or oath				
Account Alcoa Inc.	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification				
Applicant claims small entity status.	147 2,520 147 2,520 For filing a request for ex parte reexamination				
See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
2. Payment Enclosed:  Check Credit card Money Other  Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	115 110 215 55 Extension for reply within first month				
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month				
Large Entity Small Entity	117 890 217 445 Extension for reply within third month				
Fee Fee Fee Fee Description	118 1,390 218 695 Extension for reply within fourth month				
101 710 201 355 Littliby filing for	128 1,890 228 945 Extension for reply within fifth month				
106 320 206 160 Design filing fee 710	119 310 219 155 Notice of Appeal				
107 490 207 245 Plant filing fee	120 310 220 155 Filing a brief in support of an appeal				
108 710 208 355 Reissue filing fee	121 270 221 135 Request for oral hearing				
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding				
	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 710	141 1,240 241 620 Petition to revive - unintentional				
2. EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)				
Fee from Ext <u>ra Claims below</u> Fee Paid	143 440 243 220 Design issue fee				
Total Claims	144 600 244 300 Plant issue fee				
Independent	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent $270 = 0$	123 50 123 50 Petitions related to provisional applications				
Lana Bakku a . u = .u.	126 240 126 240 Submission of Information Disclosure Stmt				
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)				
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))				
102 80 202 40 Independent claims in excess of 3	149 710 249 355 For each additional invention to be				
104 270 204 135 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))				
109 80 209 40 <sup>™</sup> Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)				
. 110 18 210 9 "Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) O	Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					
SUBMITTED BY Complete (if applicable)					
Comprete in approaches					
Name (PrinuType) David W. Pearce-Sministrature David W. Pearce-Sministrature	th (Attorney/Agent) 31285 Telephone (724) 337-2768  Total 3/29/01				

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